

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentees: George Heavner, Jill Giles-Komar, Linda Snyder and Mohit Trikha
Patent No.: 7,288,390 Issued: October 30, 2007
Application No.: 09/920,267 Filed: August 1, 2001
Title: ANTI-DUAL INTEGRIN ANTIBODIES, COMPOSITIONS,
METHODS AND USES

**PETITION THAT REQUEST FOR CORRECTION/AMENDMENT OF
INVENTORSHIP UNDER 37 CFR § 1.48(a) BE ACTED UPON**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

During the prosecution of the above-captioned patent (Application No. 09/920,267) Patentees submitted a Request for Correction/Amendment of Inventorship under 37 CFR § 1.48(a) ("Request") to amend the Application to add Marian T. Nakada as an inventor and to delete previously incorrectly named inventor George Heavner. According to the records of Patentees' attorney and records available on the Patent Application Information Retrieval (PAIR) system, the Request was submitted on July 9, 2002 but has not been acted upon by the U.S. Patent and Trademark Office.

In compliance with 37 CFR § 1.48(a), the Request was accompanied by the following documents:

- (1) a Statement of Lack of Deceptive Intent for Person Being Added as an Inventor, executed by Marian T. Nakada;
- (2) a Statement of Lack of Deceptive Intent for Person Being Deleted as an Inventor, executed by George Heavner;
- (3) a Declaration by the actual inventors as required by 37 CFR § 1.63, executed by Jill Giles-Komar, Linda Snyder, Mohit Trikha and Marian T. Nakada;

- (4) a Written Consent of the Assignee to Correct Inventorship including a Statement under 37 CFR § 3.73(b), executed by Kenneth J. Dow, an authorized representative of Centocor, Inc.; and
- (5) an authorization to charge the amount of \$130.00 in payment for the processing fee as set forth in § 1.17(i) to Deposit Account No. 10-0750/CEN0249/GKT, along with petition to charge any additional fees required.

Copies of the submitted documents, all bearing a U.S. Patent and Trademark Office receipt stamp dated July 9, 2002, are enclosed herewith. With such an amendment, the inventorship of the above-captioned patent is:

Jill Giles-Komar, Downingtown, PA

Linda Snyder, Pottstown, PA

Mohit Trikha, Paoli, PA

Marian T. Nakada, Malvern, PA

According to MPEP § 1481.02, Correction of Inventors' Names, a request under 37 CFR § 1.148(a), if filed in a pending application but not acted upon until after the application becomes a patent, may be treated as a petition under 37 CFR § 1.324. Specifically, MPEP § 1481.02 states in relevant part:

Similarly, if a request under 37 CFR 1.48(a), (b), or (c) is filed in a pending application but not acted upon until after the application becomes a patent, the request may be treated as a petition under 37 CFR 1.324, and if it is grantable, form paragraph 10.14 set forth below should be used.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 10-0750/CEN0249/KD in the name of Johnson & Johnson. If this submission is in paper form, a copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

/Kenneth J. Dow/
Kenneth J. Dow
Registration No.: 32,890
Attorney for Patentees

Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003
(610) 651-7422
Date: 15 August 2008

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : **7,288,390**
DATED : **October 30, 2007**
INVENTOR(S) : **George Heavner, Jill Giles-Komar, Linda Snyder and
Mohit Trikha**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby
corrected as shown below:

Claim 1, Column 79, line 25, delete "or" and insert --and--;

Claim 3, Column 79, line 29, insert --vector-- between "acid" and "according";

Claim 9, Column 80, line 26, delete "293," before "HeLa".

MAILING ADDRESS OF SENDER:

000027777

Johnson & Johnson

One Johnson & Johnson Plaza

New Brunswick, New Jersey 08933-7003

PATENT NO. 7,288,390

No. of add'l copies
@ 50¢ per page

➡ -0-



Practitioner's Docket No. CEN0249

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jill Giles-Komar, et al.

Application No.: 09/920,267

Filed: August 1, 2001

For: Anti-Dual Integrin Antibodies, Compositions, Methods and Uses

Group No.:

Examiner:

Assistant Commissioner for Patents
Washington, DC 20231

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JUL 18 2002

TECH CENTER 1600/2900

STATEMENT OF LACK OF DECEPTIVE INTENT
FOR PERSON BEING ADDED AS AN INVENTOR
(37 C.F.R. § 1.48(a)(1))

I hereby state that I was erroneously not named in this application, and that this error in inventorship occurred without deceptive intention on my part.


Signature

Marian T. Nakada
(type or print name)

Date: 6/21/02



Practitioner's Docket No. CEN0249

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jill Giles-Komar et al.

Application No.: 09/920,267

Group No.:

Filed: August 1, 2001

Examiner:

For: Anti-Dual Integrin Antibodies, Compositions, Methods and Uses

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Assistant Commissioner for Patents

Washington, DC 20231

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STATEMENT OF LACK OF DECEPTIVE INTENT
FOR PERSON BEING DELETED AS AN INVENTOR
(37 C.F.R. § 1.48(a)(1))

I hereby state that I was erroneously named in this application, and that this error in inventorship occurred without deceptive intention on my part.


Signature

George Heavner
(type or print name)

Date: 6/19/02



Practitioner's Docket No. CEN0249

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jill Giles-Komar et al.

Application No.: 09/920,267

Group No.:

Filed: August 1, 2001

Examiner:

For: Anti-Dual Integrin Antibodies, Compositions, Methods and Uses

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Assistant Commissioner for Patents

Washington, DC 20231

TECH CENTER 1600/2900

STATEMENT OF LACK OF DECEPTIVE INTENT
FOR PERSON BEING DELETED AS AN INVENTOR
(37 C.F.R. § 1.48(a)(1))

I hereby state that I was erroneously named in this application, and that this error in inventorship occurred without deceptive intention on my part.


Signature

George Heavner
(type or print name)

Date: 6/19/02

Please type a plus sign (+) inside this box ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



**DECLARATION
AND
POWER OF ATTORNEY
FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing **OR** ☐ Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number	CEN0249
First Named Inventor	Jill Giles-Komar, et al.
COMPLETE IF KNOWN	
Application Number	09/920,267
Filing Date	08/01/2001
Group Art Unit	
Examiner Name	

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As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Anti-Dual Integrin Antibodies, Compositions, Methods and Uses
(Title of the Invention)

the specification of which

☐ is attached hereto

OR

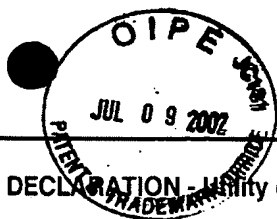
☒ was filed on (MM/DD/YYYY) 08/01/2001 as United States Application Number or PCT International Application Number 09/920,267 and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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JUL 18 2002

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
60/223,363	08/07/2000	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
		Patented Patented Patented

I hereby appoint:

☒ Practitioners at Customer Number **000027777** →Place Customer
Number Bar Code
Label Here**AND**☐ Practitioner(s) named below:
Name Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all telephone calls to Kenneth J. Dow at telephone number (732) 524-2641.

Direct all correspondence to: Customer Number ☒ or Bar Code Label **000027777** OR ☐ Correspondence address below

Name:

Address:

Address:

City:

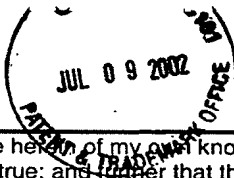
State:

ZIP

Country

Telephone:

Fax:



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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Jill		Family Name or Surname Giles-Komar	
Inventor's Signature <i>Jill Giles-Komar</i>		Date <i>7/3/02</i>	
Residence: City	Downingtown	State	PA
Country	USA	Citizenship	USA
Mailing Address 31 Blakely Road			
City	Downingtown	State	PA
ZIP	19335	Country	USA
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Linda		Family Name or Surname Snyder	
Inventor's Signature <i>Linda Snyder</i>		Date <i>7/2/02</i>	
Residence: City	Pottstown	State	PA
Country	USA	Citizenship	USA
Mailing Address 1795 Honeysuckle Lane			
City	Pottstown	State	PA
ZIP	19465	Country	USA
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF THIRD INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Mohit		Family Name or Surname Trikha	
Inventor's Signature <i>Mohit</i>		Date <i>7/8/02</i>	
Residence: City	Paoli	State	PA
Country	USA	Citizenship	USA
Mailing Address 278 Orchard Road			
City	Paoli	State	PA
ZIP	19301	Country	USA

JUL 09 2002
PATENT & TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF FOUTH INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Marian T.		Family Name or Surname Nakada	
Inventor's Signature <i>Marian T. Nakada</i>		Date 7/3/02	
Residence: City Malvern	State PA	Country USA	Citizenship USA
Mailing Address 9 Almy Drive			
City Malvern	State PA	ZIP 19355	Country USA

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Practitioner's Docket No. CEN0249

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jill Giles-Komar, et al.

Application No.: 09/920,267

Group No.:

Filed: August 1, 2001

Examiner:

For: Anti-Dual Integrin Antibodies, Compositions, Methods and Uses

Assistant Commissioner for Patents
Washington, DC 20231

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ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION OF INVENTOR(S)

Centocor, Inc.

(type or print name of assignee)

200 Great Valley Parkway

Address

Malvern, PA 19355

Assignment

- ☒ Recorded on 08/31/2001
Reel 012149
Frame 0235
- ☐ Recorded herewith
- ☐ A separate "ASSIGNMENT" (DOCUMENT) COVER SHEET is attached.

Or

- ☐ FORM PTO 1595 is attached.

Assignee hereby assents to the correction of inventorship filed

- ☒ Herewith.
- ☐ On _____

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

- ☒ Deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 7/9/02

FACSIMILE

- ☐ Transmitted by facsimile to the Patent and Trademark Office.

Date: 7/9/02

Signature

Kenneth J. Dow

(type or print name of person certifying)

ASSIGNEE STATEMENT



A "STATEMENT UNDER 37 C.F.R. § 3.73(b)" is attached.

The assignee, owning an undivided interest in the original patent, hereby consents to the accompanying correction of inventorship.

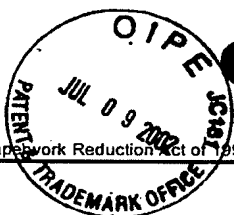
Kenneth J. Dow, signing on behalf of the assignee, Centocor, Inc., giving its consent to the requested inventorship correction, has the authority to act on behalf of the assignee.

FILED
JUL - 8 2002
TECH CENTER 1600/2900

Kenneth J. Dow
Signature

Kenneth J. Dow

Vice-President of Patent Law Department
(type or print name and title of person
authorized to sign on behalf of assignee)



PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Jill Giles-Komar, et al.Application No./Patent No.: 09/920,267 Filed/Issue Date: August 1, 2001Entitled: Anti-Dual Integrin Antibodies, Compositions, Methods and UsesCentocor, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

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in the patent application/patent identified above by virtue of either:

TECH CENTER 1600/2900

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012149 Frame 0235, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

7/9/02

Date

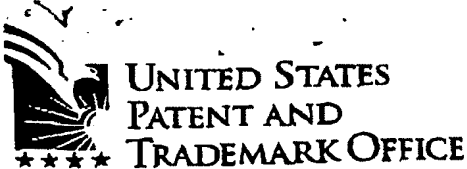
Kenneth S. Dow

Typed or printed name

Signature

Vice President Patent Law

Title



CEN249

NOVEMBER 21, 2001

JOHNSON & JOHNSON
PHILIP S. JOHNSON, ESQ.
CHIEF PATENT COUNSEL
ONE JOHNSON & JOHNSON PLAZA
NEW BRUNSWICK, NJ 08933-7003

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NOV 30 2001

J & J PAT. DKT. SECTION

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



101842409A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/31/2001

REEL/FRAME: 012149/0235
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
GILES-KOMAR, JILL

DOC DATE: 07/31/2001

ASSIGNOR:
HEAVNER, GEORGE

DOC DATE: 07/31/2001

ASSIGNOR:
SNYDER, LINDA

DOC DATE: 08/01/2001

ASSIGNOR:
TRIKHA, MOHIT

DOC DATE: 07/31/2001

ASSIGNEE:
CENTOCOR, INC.
200 GREAT VALLEY PARKWAY
MALVERN, PENNSYLVANIA 19355

SERIAL NUMBER: 09920267
PATENT NUMBER:

FILING DATE: 08/01/2001
ISSUE DATE:

09/920,267

JUN 18 '02 15:06 FR J&J PATENT DEPT.

732 524 2808 TO 916106516940

P.03/11

012149/0235 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



RECORDA
PA

09-14-2001



101842409

Commissioner of Patent and Trademarks:

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Jill Giles-Komar George Heavner Linda Snyder Mohit Trikha</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: Centocor, Inc.</p> <p>Street Address: 200 Great Valley Parkway</p> <p>City: Malvern, State: PA Zip: 19355</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: July 31 and August 1, 2001</p>			
<p>4. Application number(s) or patent number(s): 09/920,267</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Philip S. Johnson, Esq. Chief Patent Counsel Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003</p>		<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 10-0750/CEN0249/GKT</p>	
<p>9. Statement and signature</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>William K. Wissing _____ August 29, 2001</p> <p>Name of Person Signing _____ Signature _____ Date _____</p> <p>Total number of pages including cover sheet, attachments, and document: 7</p>			

Mail documents to be recorded with required cover sheet information to:

Box Assignments
Commissioner of Patent and Trademarks
Washington, D.C. 20231

DOCKET NO. CEN0249
Joint Inventors

A S S I G N M E N T

Serial No. 09/920,267
Filed 8/1/01

WHEREAS, Jill Giles-Komar, George Heavner, Linda Snyder, and Mohit Trikha, residing at 31 Blakely Road, Downingtown, PA 19335, 6 Oak Glen Drive, Malvern, PA 19355, 1795 Honeysuckle Lane, Pottstown, PA 19465, and 278 Orchard Road, Paoli, PA 19301, respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

Anti-Dual Integrin Antibodies, Compositions, Methods And Uses

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Centocor, Inc., a corporation of the State of Pennsylvania, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above

described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignee has hereunto set her hand and seal this 31st day of July, 2001

Jill Giles-Komar (L.S.)
Jill Giles-Komar

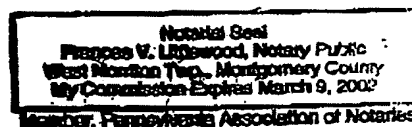
STATE OF Pennsylvania)

) ss.

COUNTY OF Chester)

BE IT REMEMBERED, That on this 31 day of July, 2001, before me, a Notary Public, personally appeared Jill Giles-Komar, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to her the contents thereof, she did acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

Francis W. Linwood
Notary Public



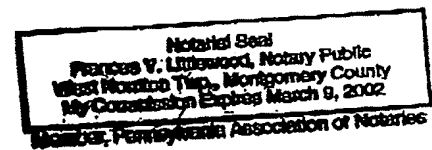
IN TESTIMONY WHEREOF, Assignee has hereunto set his
hand and seal this 21 day of July, 2001

George Heaner (L.S.)

STATE OF Pennsylvania) ss.
COUNTY OF Chester)

BE IT REMEMBERED, That on this 31st day of July, 2001, before me, a Notary Public, personally appeared George Heavner, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Francis V. Littlewood
Notary Public



IN TESTIMONY WHEREOF, Assignee has hereunto set her
hand and seal this 1 day of ~~July~~ ^{August}, 2001

Linda Snyder (L.S.)
Linda Snyder

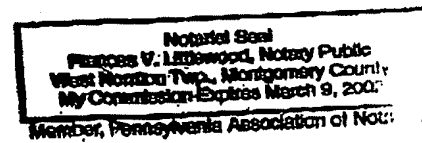
STATE OF Pennsylvania)

) ss.

COUNTY OF Chester)

BE IT REMEMBERED, That on this 1st day of ~~July~~ ^{August}, 2001, before me, a Notary Public, personally appeared Linda Snyder, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to her the contents thereof, she did acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

Frances V. Lintwood
Notary Public



IN TESTIMONY WHEREOF, Assignee has hereunto set his hand and seal this 31st day of July, 2001


Mohit Trikha

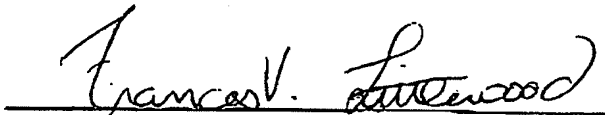
(L.S.)

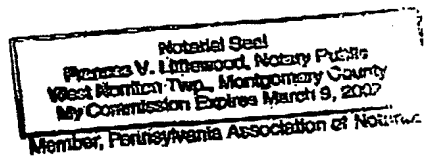
STATE OF Pennsylvania)

) ss.

COUNTY OF Chester)

BE IT REMEMBERED, That on this 31st day of July, 2001, before me, a Notary Public, personally appeared Mohit Trikha, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.


Notary Public



RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner of Patent and Trademarks:

Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Jill Giles-Komar George Heavner Linda Snyder Mohit Trikha</p> <p>Additional name(s) of conveying party(ies) attached? _ Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: Centocor, Inc.</p> <p>Street Address: 200 Great Valley Parkway</p> <p>City: Malvern, State: PA Zip: 19355</p> <p>Additional name(s) & address(es) attached? _ Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: July 31 and August 1, 2001</p>			
<p>4. Application number(s) or patent number(s): 09/920,267</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) B. Patent No.(s)</p> <p>Additional numbers attached? _ Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Philip S. Johnson, Esq. Chief Patent Counsel Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003</p>		<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$<u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 10-0750/CEN0249/GKT</p>	
<p>9. Statement and signature</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p>William K. Wissing _____ August 29, 2001</p> <p>Name of Person Signing Signature Date</p> <p>Total number of pages including cover sheet, attachments, and document: 7</p>			

Mail documents to be recorded with required cover sheet information to:

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